



ST JOSEPH'S INSTITUTION
END-OF-YEAR EXAMINATION 2023
YEAR 1

CANDIDATE
NAME

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CLASS

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INDEX
NUMBER

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GEOGRAPHY

3rd October 2023

1 hour 20 minutes

Additional Materials : 3 pieces of Writing
Paper

(0800-0920)

READ THESE INSTRUCTIONS FIRST

Write your name, class and index number on all the work you hand in.

Write in dark blue or black pen on both sides of the paper.

You may use a soft pencil for any diagrams.

Do not use staples, paper clips, glue or correction tape/ fluid.

Answer **ALL** questions on writing paper.

Hand in Section A and Section B **SEPARATELY**.

The number of marks is given in brackets [] at the end of each question or part question.

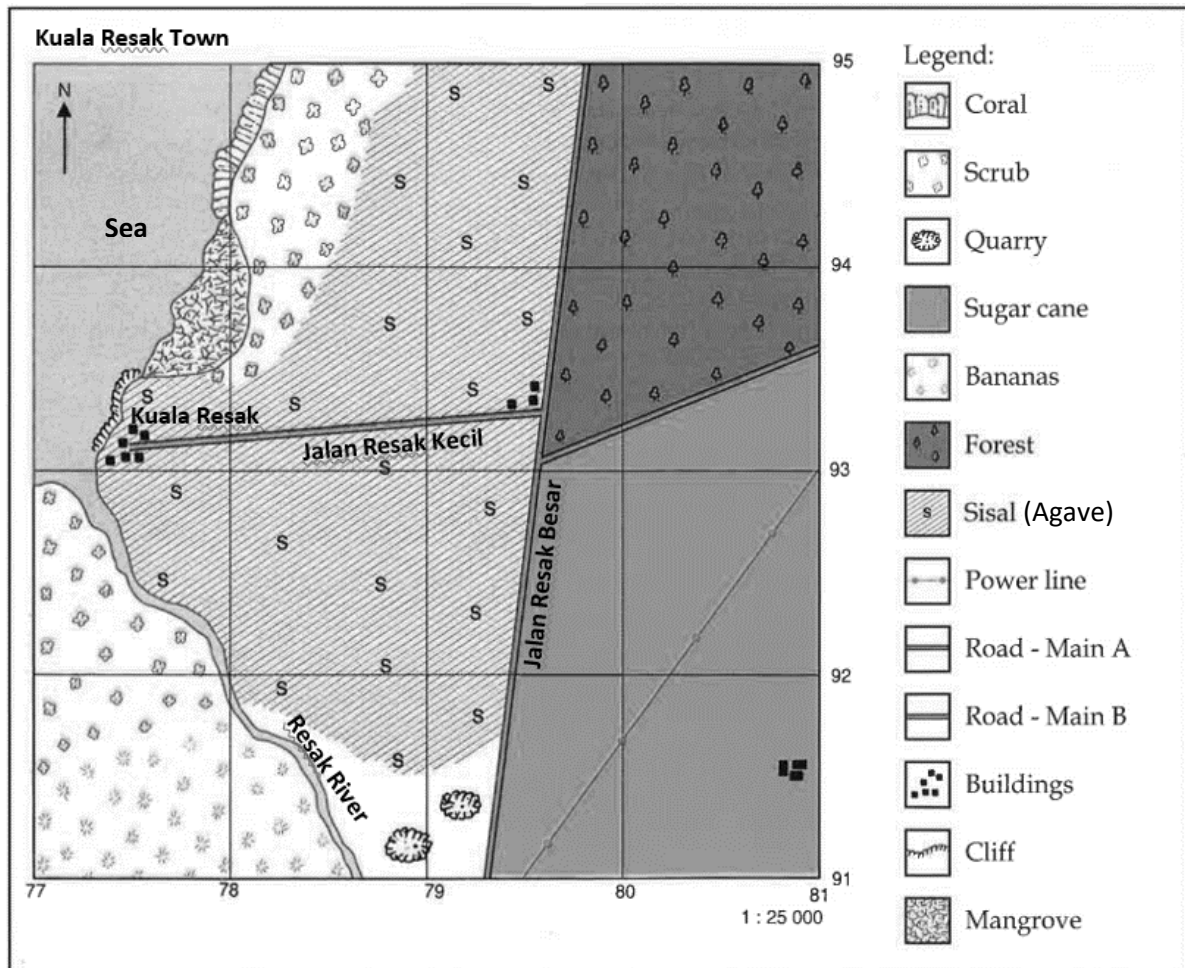
SECTION A: Structured Questions with Topographic Map Reading (22 marks)

Instructions:

Answer all questions on the writing paper provided. Remember to number your answers and leave lines between each answer.

- 1 Figure 1 (Fig. 1) shows a map extract of Kuala Resak Town.

Fig. 1



Source: 'The New Reading Topographical Maps' Fifth edition 2003. R.B. Bennet. ISBN 9814114758

NOTE: Meanings of Malay terms.

Kuala = River mouth

Jalan = Road

Besar = Large

Kecil = Small

Study and use Fig. 1 to answer all the following questions.

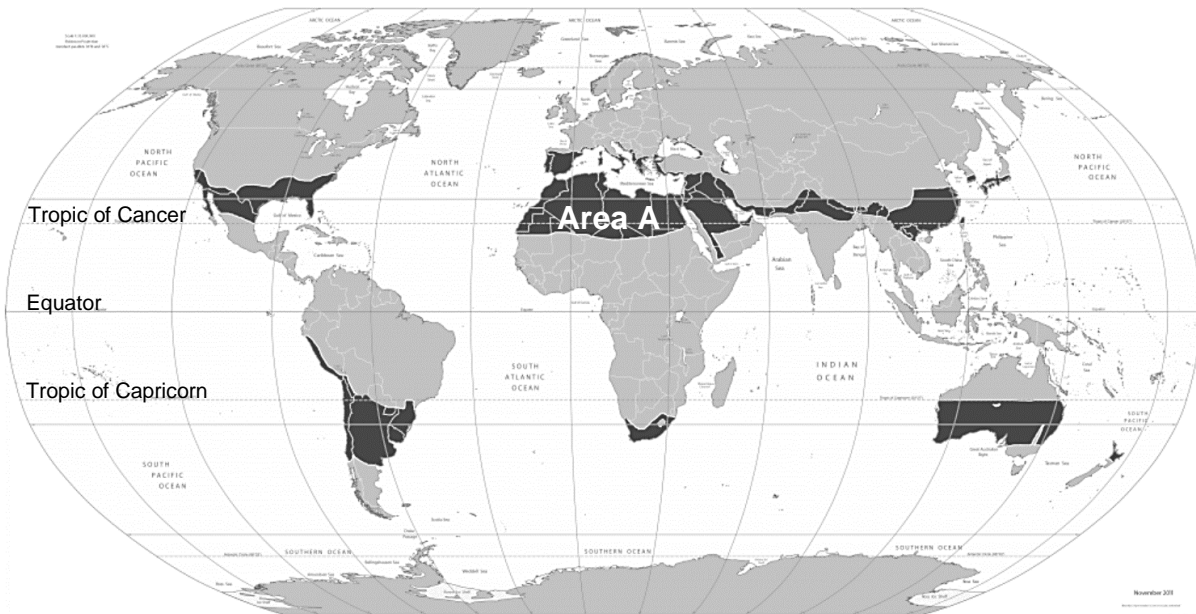
- (a) What is the 6-figure grid reference of the T-junction, where Jalan Resak Kecil meets Jalan Resak Besar. [1]
- (b) In which general direction is Resak River flowing? [1]
- (c) Name a species of plant that can be found in grid square 7793. [1]
- (d) Calculate the actual distance (in km) of the total length of Jalan Resak Kecil. [1]

2(a) Figure 2 (Fig. 2) shows the subtropical zone (shaded in black) of the Earth.

Fig. 2

Political Map of the World, November 2011

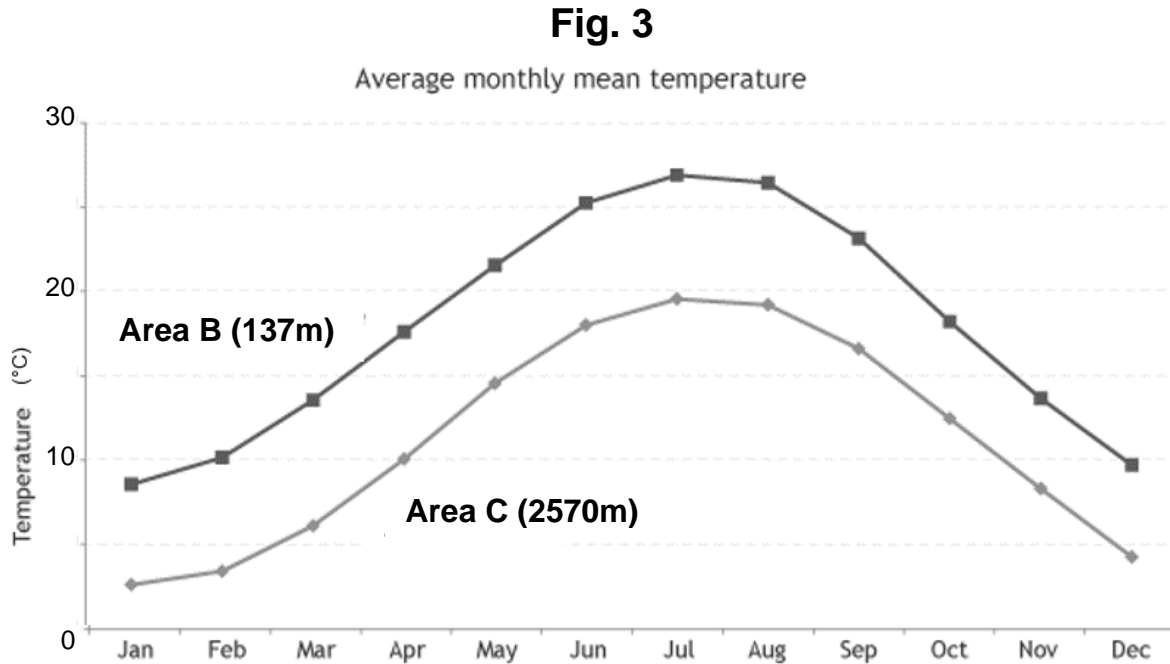
Source: <https://www.cia.gov/library/publications/maps/publications>
Adaptation par: C. Dubois



Source: <https://content.meteoblue.com/en/research-education/educational-resources/meteoscool/general-climate-zones/subtropical-zone>

- (i) Study and use Fig. 2 to describe the climatic conditions (temperature and precipitation) of Area A. [3]
- (ii) Select one climatic condition stated in (a)(i) and explain why it occurs at Area A. [3]

- (b) Figure 3 (Fig. 3) shows the temperature graph of Location B and Location C, both are found on the same island.



Adapted from:

https://www.climate.gov/sites/default/files/styles/full_width_620_original_image/public/AshMtM_graph.png?itok=nbsdrRAO

- (i) Study and use Fig. 3 to explain the differences in temperatures between Location B and Location C. [3]
- (ii) Explain the type of rain that will most commonly occur at Area C. [3]

- (c) Figure 4A (Fig. 4A) shows a statue carved from marble and Figure 4B (Fig. 4B) shows a rock landform in the desert.

Fig. 4A



Source:

<https://i.pinimg.com/originals/0a/bb/c3/0abbc36568ddbffbd1930946d02c29dd.jpg>

Fig. 4B



Source: [https://3.bp.blogspot.com/-](https://3.bp.blogspot.com/-8VxQYiRVIIIE/TpSrl-NhdRI/AAAAAAAAACM/wv39W1sd6IM/s1600.jpg)

[8VxQYiRVIIIE/TpSrl-](https://3.bp.blogspot.com/-8VxQYiRVIIIE/TpSrl-NhdRI/AAAAAAAAACM/wv39W1sd6IM/s1600.jpg)

[NhdRI/AAAAAAAAACM/wv39W1sd6IM/s1600.jpg](https://3.bp.blogspot.com/-8VxQYiRVIIIE/TpSrl-NhdRI/AAAAAAAAACM/wv39W1sd6IM/s1600.jpg)

- (i) Study Fig. 4A and Fig. 4B to identify the processes that caused them to look the way they do. [2]
- (ii) With the use of a well-labelled diagram, explain the formation of the rock landform in Fig. 4B. [4]

SECTION B: Structured Questions (18 marks)

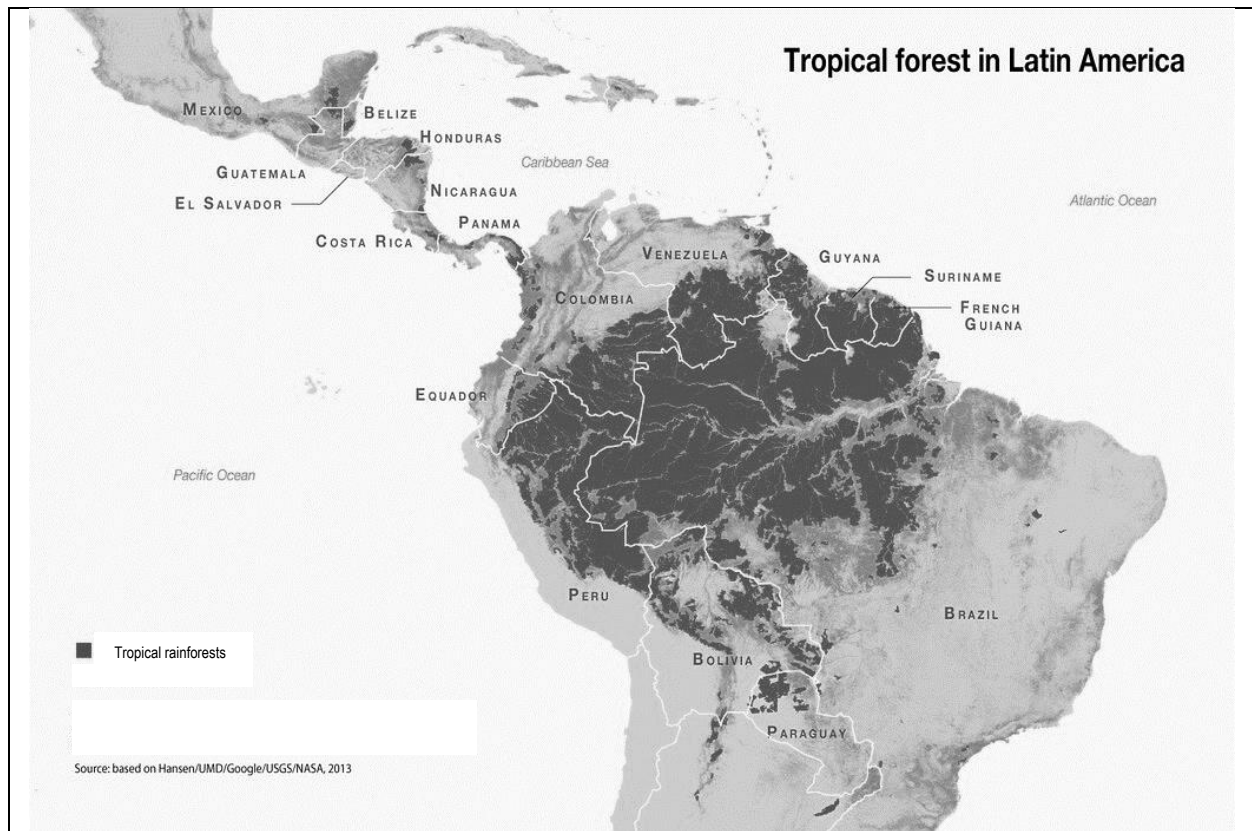
Instructions:

*Begin this section on a **fresh piece of writing paper**.*

Answer all questions on the writing paper provided. Remember to number your answers and leave lines between each answer.

- 3(a) Figure 5 (Fig. 5) shows the distribution of tropical rainforests in Latin America (Central and South America).

Fig. 5

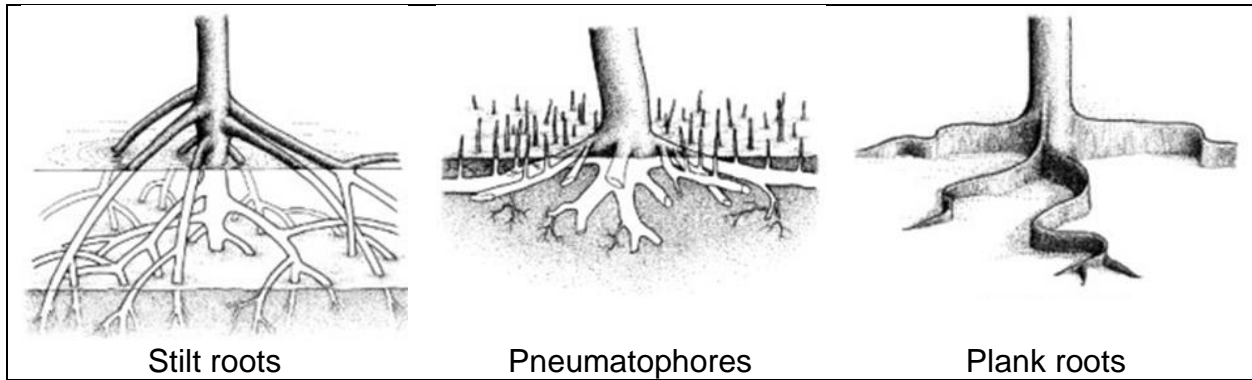


Source: https://live.staticflickr.com/474/32241392291_4058729d74_b.jpg

- (i) Study and use Fig. 5 to describe the distribution of tropical rainforests [2]
in Latin America.
- (ii) With reference to TWO named plant species – one from the **tropical** [4]
rainforest and one from the **tropical desert**, explain the question –
“Why does where matter?”.

- 3(b) Figure 6 (Fig. 6) shows the different roots system of the tropical mangrove trees.

Fig. 6



Source: <https://d3i71xaburhd42.cloudfront.net/3c45eddae7effba5a28c4a9e9e2a67c95208412c/11-Figure2-1-1.png>

- (i) Study and use Fig. 6 to identify the zones where each of these roots system can be found. [3]
- (ii) Explain your answer in (b)(i). [3]

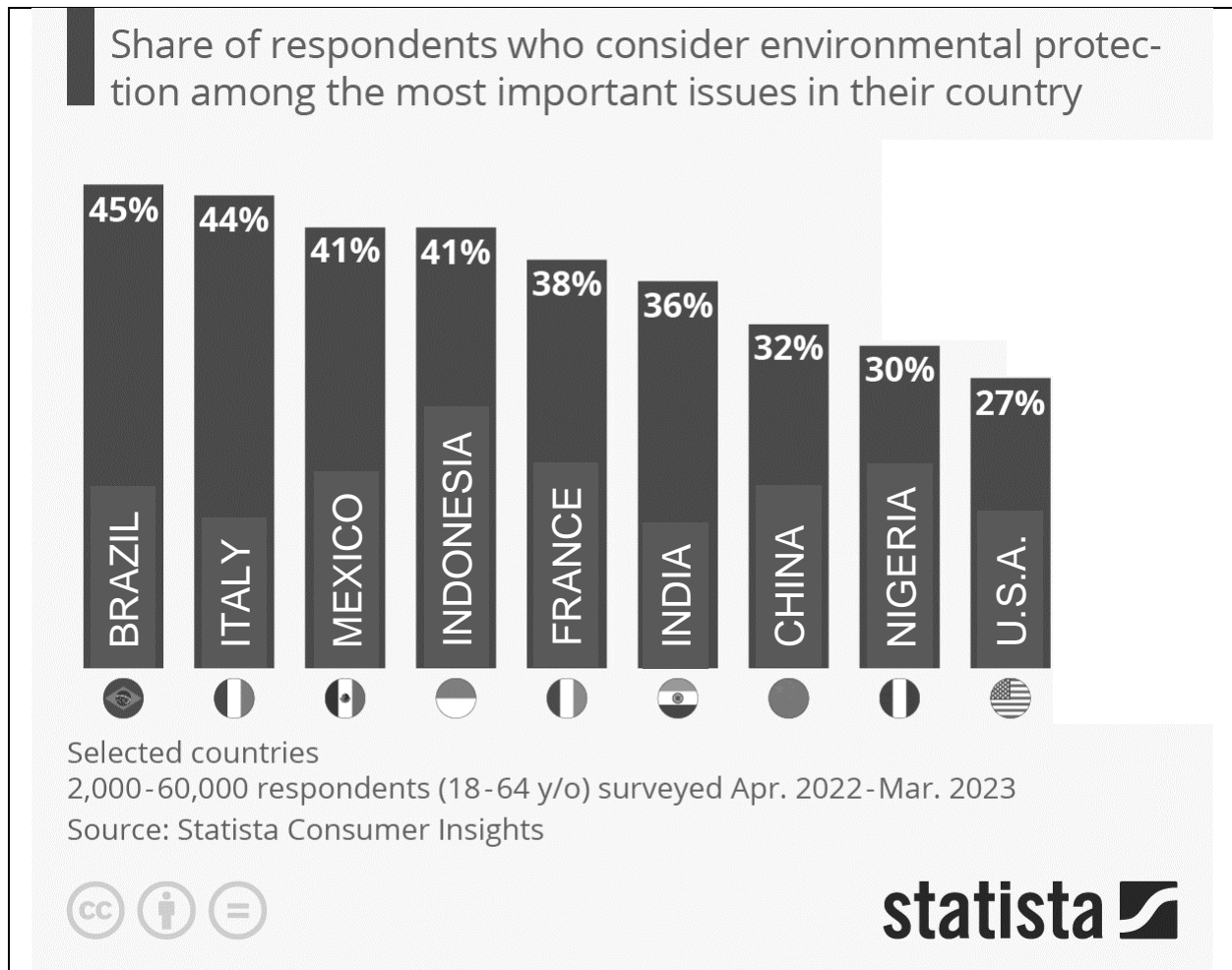
- 3(b) Figure 7A (Fig. 7A) shows an infographic poster on the number of environmental petitions launched in Indonesia during 2019 and Figure 7B (Fig. 7B) shows an infographic poster on how people from several countries think about environment protection in their countries.

Fig. 7A



Source: <https://hotsites-wordpress.s3.amazonaws.com/uploads/2020/01/Change.org-Indonesia-Environment-1024x554.jpg>

Fig. 7B



Source: <https://www.statista.com/chart/29935/environment-major-issue-survey/>

- (i) Study and use Fig. 7A and Fig. 7B to describe the Indonesians' view about environmental protection in their country. [2]

- (ii) Explain, using TWO strategies, how the ASEAN countries can sustainably manage the tropical rainforests in Southeast Asia. [4]

END-OF-PAPER